

WO2002072689A1 20020919 RUBBER COMPOSITION FOR TYRE TREADS AND TYRES Assignee/Applicant: MICHELIN SOC TECH ; MICHELIN RECH TECH ; LABAUZE GERARD Inventor(s) : LABAUZE GERARD Priority (No,Kind,Date) : FR0103354 A 20010312 I Application(No,Kind,Date): EP0202560 W 20020308 IPC: 7C 08L 21/00 A Language of Document: FRE Abstract:

The invention relates to a crosslinkable or crosslinked rubber composition which can be used to produce a tyre casing tread, one such tread having, in particular, improved wear resistance. Furthermore, according to the invention, the tyre casing has improved resistance to the separation of the constituent working crown plies thereof. The inventive composition is made from one or more diene elastomers and comprises at least one hydrocarbon plasticising resin which is miscible with the diene elastomer(s), said resin having a Tg of between 10 °C and 150 °C and a molecular mass of between 400 and 2000 g/mol. Said composition comprises (pce: parts by weight per 100 parts of elastomer(s)) : between 5 pce and 35 pce of said hydrocarbon plasticising resin, which is not made from cyclopentadiene or dicyclopentadiene; at least one plasticising oil, having a quantity varying between 0 pce and 26 pce; one or more diene elastomers, having a quantity varying between 30 and 100 pce, each having a Tg of between -65 °C and -10 °C; and one or more diene elastomers, having a quantity varying between 70 and 0 pce, each having a Tg of between -110 °C and -80 °C.

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Legal Status:

Date +/- Code Description

2002 (+) AK 0919	DESIGNATED STATES Kind code of corresponding patent document: A1; AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
2002 (+) AL 0919	DESIGNATED COUNTRIES FOR REGIONAL PATENTS Kind code of corresponding patent document: A1; GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
2002 1113	121 EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION
2002 1226	ENP ENTRY INTO THE NATIONAL PHASE IN: : JP; Corresponding patent document: 2002 571588; Kind code of corresponding patent document: A;
2004 0129	REG REFERENCE TO NATIONAL CODE : DE; : 8642;